

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (withdrawn) A printing system comprising:
 - a host computer for generating job data of a print job; and
 - a printer for receiving and printing said job data from said host computer,wherein said printer sends a job request to said host computer, and said host computer sends said job data to said printer in response to the job request sent from said printer,
wherein said host computer generates said job data of said print job when the job request is received from said printer, which is later than a time of receipt of said print job in said host computer.

2. (withdrawn) A printing system comprising:
 - a host computer for generating job data of a print job; and
 - a printer for receiving and printing said job data from said host computer,wherein said printer sends a job request to said host computer, and said host computer sends said job data to said printer in response to the job request sent from said printer,
wherein said host computer sends job location data showing a location of said job data to a print server,
said print server temporarily stores said job location data and sends it to said printer, and

said printer sends said job request to said host computer which said job location data shows.

3. (withdrawn) A printing system according to claim 1,
wherein said host computer sends job location data showing a location of said print job to said printer, and
said printer sends said job request to said host computer which said job location data shows.

4. (withdrawn) A printing system according to claim 1,
wherein said printer can specify a desired part of said print job when said printer sends said job request to said host computer, and
said host computer sends only said specified part of said job data to said printer in response to said job request.

5. (withdrawn) A printing system according to claim 1,
wherein said host computer informs said printer of a location of each part constituting said print job,
said printer can specify a desired part of said print job based upon said informed location of each part when said printer sends said job request to said host computer, and
said host computer sends only said specified part of said job data to said printer in response to said job request.

6. (withdrawn) A method of sending job data of a print job to a printer, comprising steps of:

receiving said print job in a host computer;

generating said job data of said print job in said host computer;

sending a job request from said printer to said host computer; and

sending said job data from said host computer to said printer in response to said job request,

wherein said host computer generates said job data of said print job when the job request is received from said printer, which is later than a time of receipt of said print job in said host computer.

7. (withdrawn) A method of sending job data of a print job to a printer, comprising steps of:

storing the job data in a host computer;

sending a job request from said printer to said host computer;

sending said job data from said host computer to said printer in response to said job request;

sending job location data showing a location of said job data from said host computer to a print server; and

temporarily storing said job location data in said print server and sending it to said printer,

wherein, in said step of sending the job request, said printer sends said job request to a host computer which said job location data shows.

8. (withdrawn) A method according to claim 6, further comprising a step of sending job location data showing a location of said print job from said host computer to said printer,

wherein, in said step of sending the job request, said printer sends said job request to a host computer which said job location data shows.

9. (withdrawn) A method according to claim 6,

wherein said printer can specify a desired part of said print job in said step of sending the job request, and

said host computer sends only said specified part of said job data to said printer in said step of sending the job data.

10. (withdrawn) A method according to claim 6, further comprising a step of informing said printer of a location of each part of constituting said print job from said host computer,

wherein, in said step of sending the job request, said printer can specify a desired part of said print job, and

in said step of sending the job data, said host computer sends only said specified part of said job data to said printer.

11. (currently amended) A printer comprising:

a job request section for sending a job request for demanding job data of a print job ~~from~~
to a host computer having said job data;

a printing section for receiving and printing said job data sent from said host computer in
response to a print request from said job request section;

a print engine; and

a receive buffer memory,

wherein said job request section sends said job request to said host computer, according
to a condition of said print engine and said receive buffer memory,

wherein said job request section receives job location data showing a location of said job
data from a print server,

wherein said job request section sends ~~a~~ said job request to said host computer which said
job location data shows,

wherein said job request section can specify a part of said job data for said host computer
when said job request section sends said job request, ~~and~~

wherein said printing section receives only said specified part of said job data sent from
said host computer in response to ~~a~~ said print request from said job request section and prints it,
and

wherein said specified part of said job data comprises a portion of plural data forming a
page of said print job.

Claim 12 (canceled).

13. (previously presented) A printer according to claim 11, wherein said print server receives said job location data showing the location of said job data from said host computer and temporarily stores it,

wherein said job request section sends said job request to said host computer which said job location data stored in the print server shows.

Claims 14 and 15 (canceled).

16. (currently amended) A method of operating a printer, comprising steps of:
demanding job data of a print job from a host computer having said job data; and
receiving and printing said job data sent from said host computer in response to a job request of said demanding step,

wherein said job request is sent to said host computer, according to a condition of a print engine and a receive buffer memory of said printer, and

receiving job location data showing a location of said job data from a print server,

wherein in said step of demanding, said job request is sent to said host computer which said job location data shows,

wherein, in said step of demanding, a part of said job data can be specified for said host computer, and

in said step of printing, only said specified part of said job data sent from said host computer in response to said job request is received and printed, and

wherein said specified part of said job data comprises a portion of plural data forming a page of said print job.

Claim 17 (canceled).

18. (previously presented) A method according to claim 16, wherein said received job location data showing the location of said job data from said host computer is temporarily stored, wherein, in said step of demanding, said job request is sent to said host computer which said stored job location data shows.

Claim 19 (canceled).

20. (previously presented) A method according to claim 16, further comprising a step of being informed of a location of each part constituting said job data from said host computer, wherein, in said step of demanding, said part of said job data can be specified for said host computer based upon said informed location of each part.

21. (withdrawn) A print server comprising:
a receiver for receiving job location data showing a location of job data from a host computer;
a storage for temporarily storing said received job location data; and
a transmitter for sending said stored job location data to a printer.

22. (withdrawn) A method of operating a print server, comprising steps of receiving job location data showing a location of job data from a host computer;

temporarily storing said received job location data; and
sending said stored job location data to a printer.

23. (withdrawn) A record medium readable by a computer on which a program for instructing a computer to execute the following steps is recorded, said steps comprising:

a step of receiving job location data showing a location of job data from a host computer;
a step of temporarily storing said received job location data; and
a step of sending said stored job location data to a printer.

24. (withdrawn) A host computer of a printer comprising:
a print driver for generating job data of a print job which was received by said host computer; and

a transmitter for sending said job data to a printer in response to a job request from said printer,

wherein said host computer generates said job data of said print job when the job request is received from said printer, which is later than a time of receipt of said print job in said host computer.

25. (withdrawn) A host computer according to claim 24, further comprising a location information section for sending job location data showing a location of said print job to one of said printer and a print server.

26. (withdrawn) A host computer according to claim 24,

wherein, if a part of said print job is specified in said job request from said printer, said transmitter sends only said specified part of said job data to said printer.

27. (withdrawn) A host computer according to claim 24, further comprising means for informing one of said printer and a print server of a location of each part constituting said print job,

wherein, if a part of said print job is specified based upon said informed location in said job request from said printer, said transmitter sends only said specified part of said job data to said printer.

28. (withdrawn) A method of operating a host computer of a printer, comprising steps of:

generating job data of a print job which was received by said host computer; and

sending said job data to a printer in response to a job request from said printer,

wherein said host computer generates said job data of said print job when the job request is received from said printer, which is later than a time of receipt of said print job in said host computer.

29. (withdrawn) A method according to claim 28, further comprising a step of sending job location data showing a location of said print job to one of said printer and a print server.

30. (withdrawn) A record medium readable by a computer on which a program for instructing a computer to execute the following steps is recorded, said steps comprising:

a step of generating job data of a print job which was received by said computer; and
a step of sending said job data to a printer in response to a job request from said printer,
wherein said computer generates said job data of said print job when the job request is received from said printer, which is later than a time of receipt of said print job in said host computer.

31. (withdrawn) A record medium according to claim 30,
wherein a program for instructing a computer to further execute a step of sending job location data showing a location of said print job to one of said printer and a print server is recorded.

32. (withdrawn) A record medium according to claim 30,
wherein, if a part of said print job is specified in said job request from said printer, only said specified part of said job data is sent to said printer in said step of sending job data.

33. (withdrawn) A host computer according to claim 24, further comprising a location information section for sending job location data showing a location of said print job to a print server.

34. (withdrawn) A host computer according to claim 24, further comprising means for informing a print server of a location of each part constituting said print job,

wherein, if a part of said print job is specified based upon said informed location in said job request from said printer, said transmitter sends only said specified part of said job data to said printer.

35. (withdrawn) A method according to claim 28, further comprising a step of sending job location data showing a location of said print job to a print server.

36. (withdrawn) A record medium according to claim 30,
wherein a program for instructing a computer to further execute a step of sending job location data showing a location of said print job to a print server, is recorded.